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Friday, Nov. 12th '54

Dear Rosalind,

Many thanks for your letter, and for the Fourier on
certainly "looks better". I am just a little worried that
the reversal of two terms of (as I remember)
opposite sign can change the origin so much. This
is presumably due to the Lorentz factor bringing up the
intensities at higher δ . Do you think that you are
getting any diffraction effects? Perhaps a ^{athermal} temperature
filter might help.

I agree with you about Casper's interpretation, but feel
the matter will really remain open until you either get a

good picture of the protein lacking RNA, or with a good heavy atom (and even the latter may not make identification easy). If you are to cope with complex phases you may have to think in terms of two heavy atoms at different places, (the SH and the tyrosine perhaps) That would be very exciting.

I don't know anybody off-hand for your ARC job, but I'll ask John Kendrew. In our experience it usually takes a little time to find someone who is really suitable for that type of job.

Come again.

Yours.

François